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(54) LITHIUM SECONDARY BATTERY

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a lithium secondary battery which is stable in battery internal pressure and excellent in safety by facilitating release of gas from an electrode body thus making a safety valve sufficiently function.

SOLUTION: In a lithium secondary battery constituted by providing an electrode body formed by superimposing positive electrode sheets and negative electrode sheets formed by binding electrode laminate materials 12 on a surface of each metallic foil collector in layers via a separator and a safety valve for avoiding an abnormal rise in battery internal pressure and providing a battery case storing the electrode body, at least one of the positive electrode sheet and the negative electrode sheet is provided with a means for facilitating release of generated gas from the electrode body. The means consists of a plurality of small holes 15 and/or slits passing through the collector 11 and the electrode laminate materials 12 and a continuous groove which is formed by binding the

electrode laminate materials 12 thinner than other parts or not binding, and leads to at least one end of the electrode sheets.

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